

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017781.D
 Acq On : 27 Mar 2024 15:11
 Operator : SY/MD
 Sample : P1874-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

Quant Time: Mar 28 02:17:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	17342	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	27680	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.496	117	22604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10011	66.263	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.520%
35) Dibromofluoromethane	7.722	113	10085	60.952	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.900%
50) Toluene-d8	10.185	98	31479	49.710	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.483	95	6386	33.583	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.160%

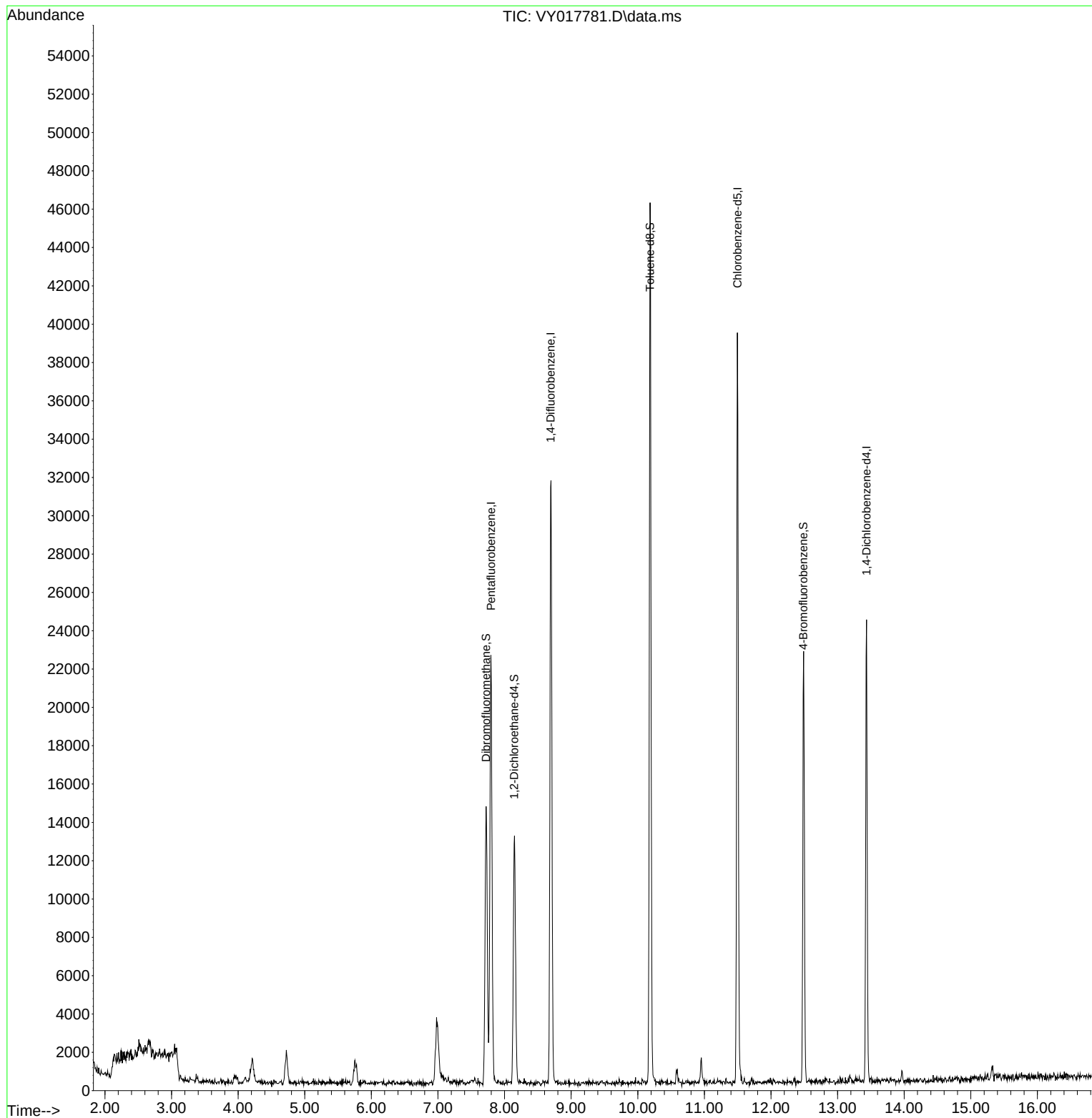
Target Compounds	Qvalue

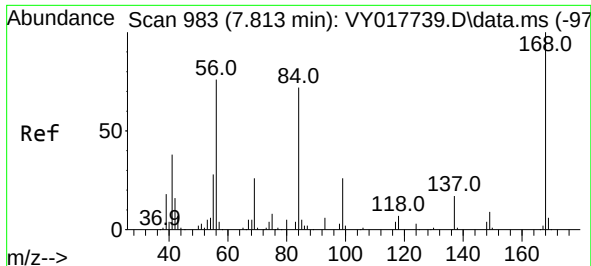
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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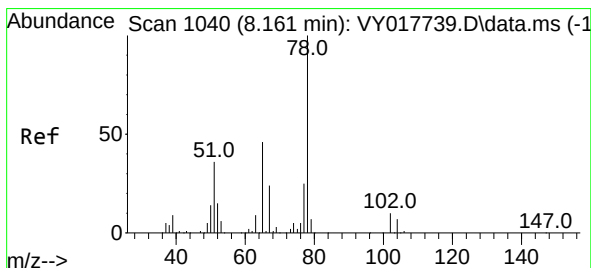
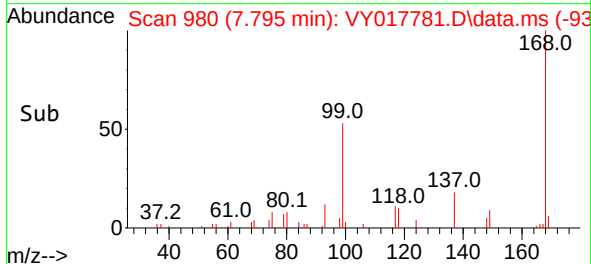
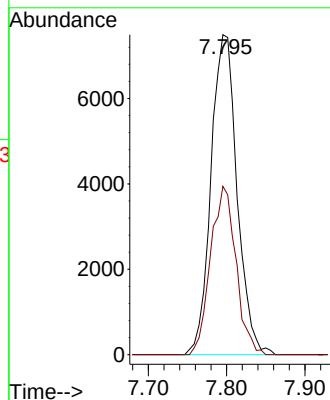
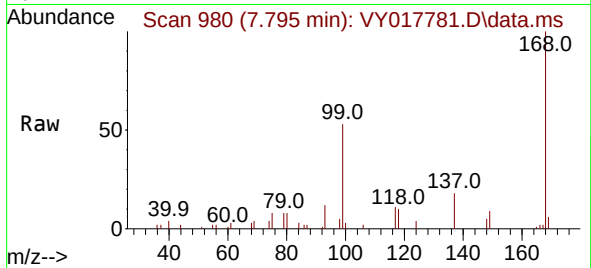




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

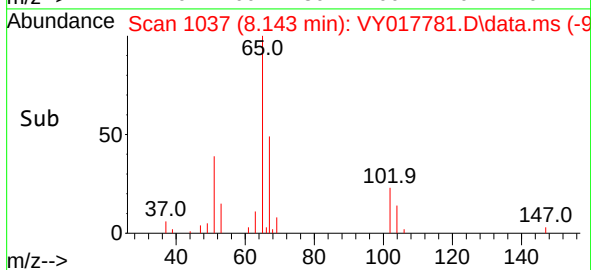
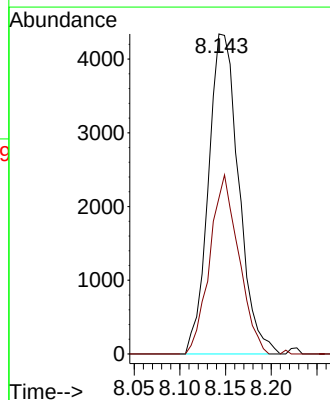
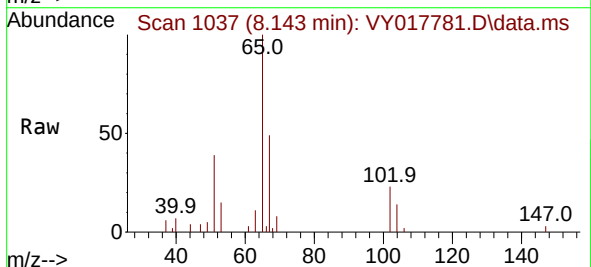
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

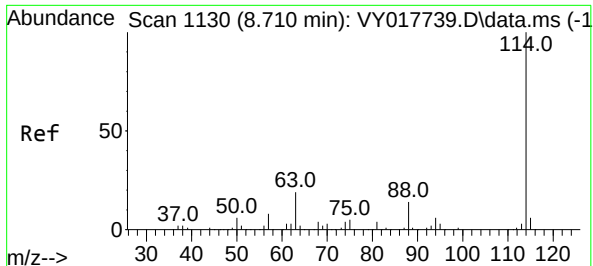
Tgt Ion:168 Resp: 17342
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.263 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion: 65 Resp: 10011
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.018 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

72-11933

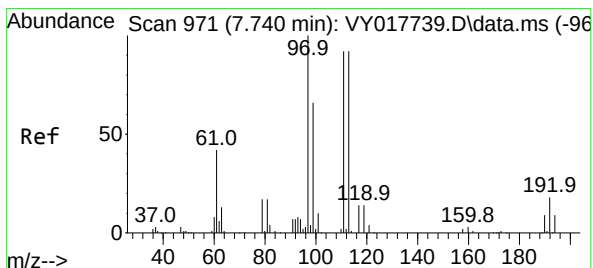
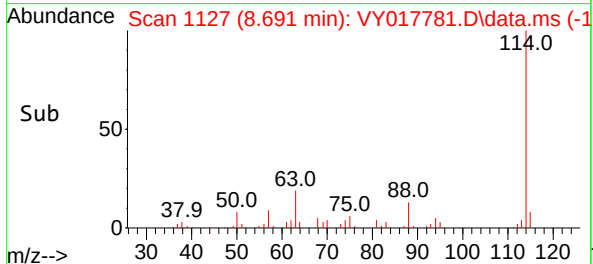
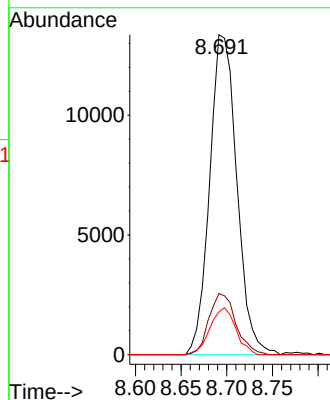
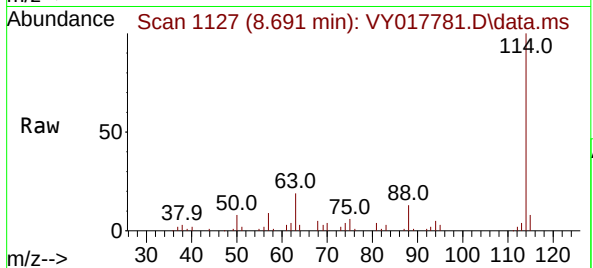
Tgt Ion:114 Resp: 27680

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.952 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

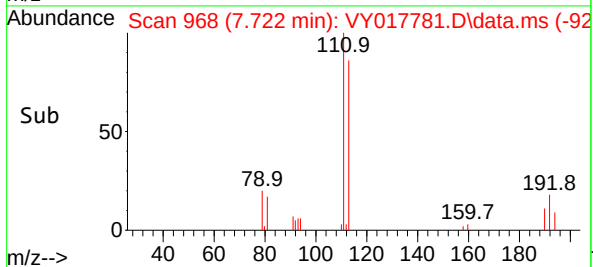
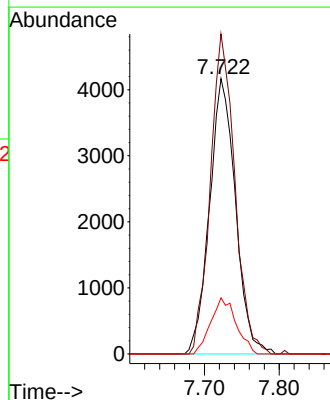
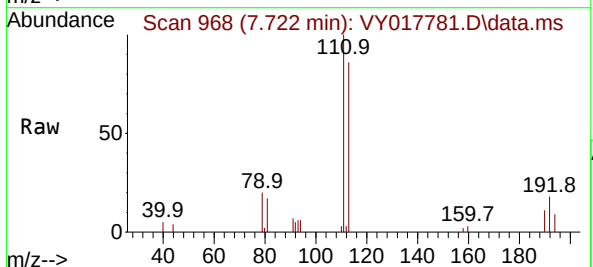
Tgt Ion:113 Resp: 10085

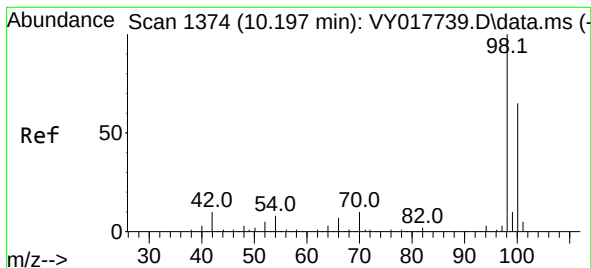
Ion Ratio Lower Upper

113 100

111 109.4 82.2 123.4

192 20.0 15.9 23.9





#50

Toluene-d8

Concen: 49.710 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

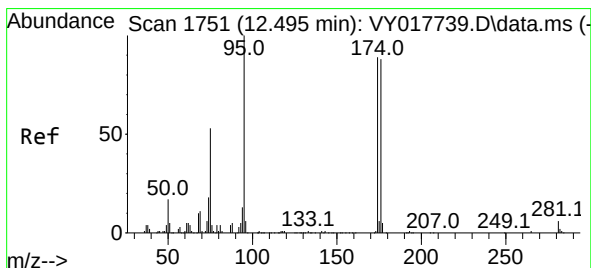
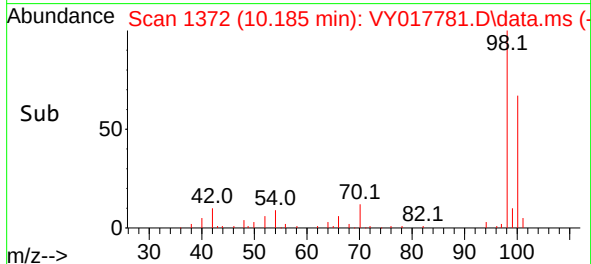
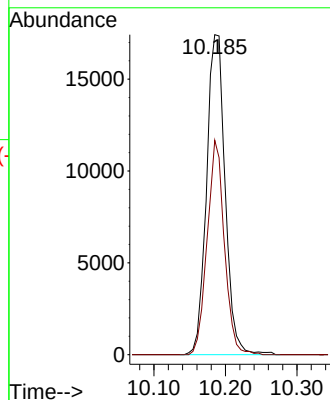
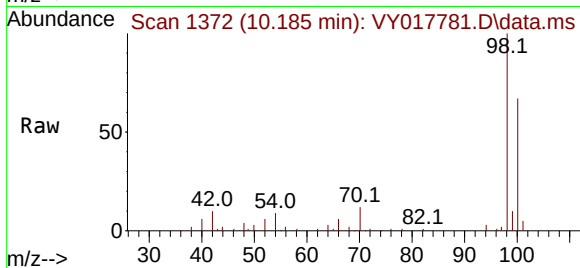
72-11933

Tgt Ion: 98 Resp: 31479

Ion Ratio Lower Upper

98 100

100 61.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 33.583 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.012 min

Lab File: VY017781.D

Acq: 27 Mar 2024 15:11

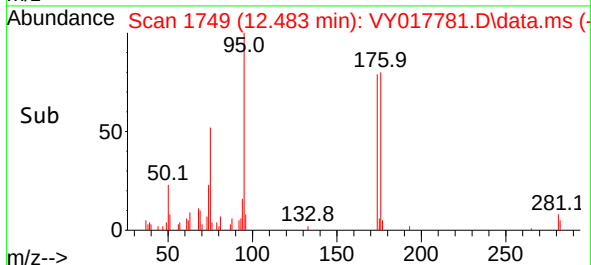
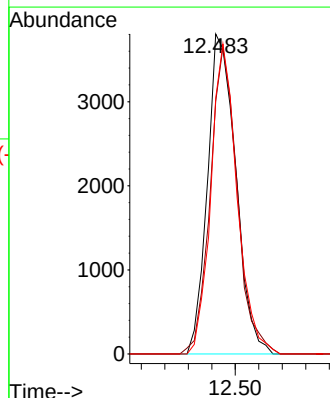
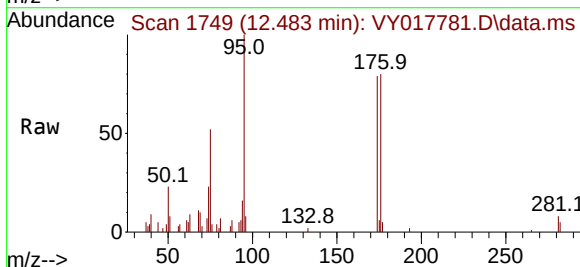
Tgt Ion: 95 Resp: 6386

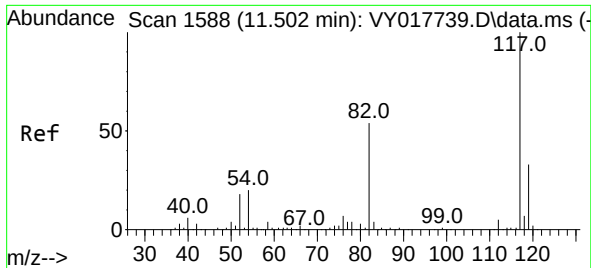
Ion Ratio Lower Upper

95 100

174 91.0 0.0 175.6

176 89.4 0.0 171.4

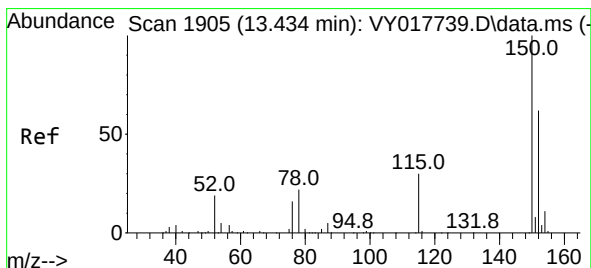
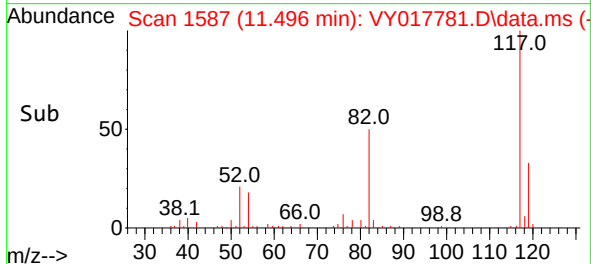
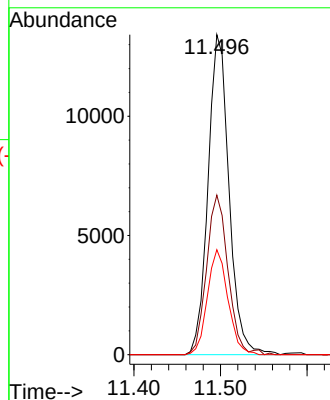
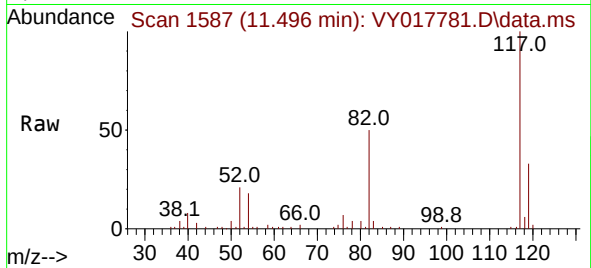




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
72-11933

Tgt Ion:117	Resp:	22604
Ion Ratio	Lower	Upper
117	100	
82	49.8	42.4 63.6
119	32.8	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017781.D
Acq: 27 Mar 2024 15:11

Tgt Ion:152	Resp:	6496
Ion Ratio	Lower	Upper
152	100	
115	56.7	28.2 84.7
150	149.0	0.0 345.6

